

Work Order ID 78654

January-12-12 8:57:03 AM

78654

U/R

Page 1

Item ID: D412-742-013
Revision ID: U/R *OK P12.02.05*

Accept

N900040100

Setup

Start

NS1

Item Name: Float Skidtube Installation

Stop

NS2

Start Date: 12/01/2012 Start Qty: 1.00 *1*
Required Date: 02/02/2012 Req'd Qty: 1.00 *1*

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: *M.L.J* Date: *12/01/12* Tooling: _____ Date: _____ Run Start *NR1*
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr	
DSI 9517	B	
IIN D412-742	E	

100 0.00

100

DOCUMENT CONTROL

DC

Document Control

Memo 0.00

Photocopy bluefile and create labels per PPP D412-742-013 CHG007

JLJ 12/03/12 To →

110

Pick Kit

0.00

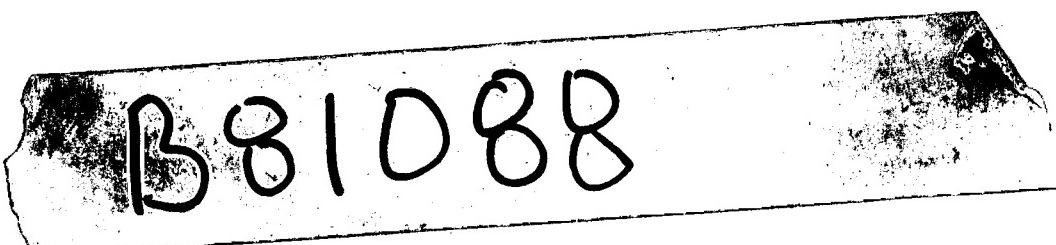
110

Packaging

Packaging

Memo 0.00

K SP 12-03-5



WO: 78654

WORK ORDER CHANGES

DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: D412-742-013 PAR #: _____ Fault Category: Pos Eng. coordinate. NCR: Yes No DQA: Autz Date: 12/04/04
 Resolution: Resolve Disposition: Resolve QA: N/C Closed: CK Date: 12/4/04

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
12/03/13	#100	Part missing on w/o to REV Parts list. RC. w/o + Bm wrong.	S 12/03/13 051042	ADD missing part to Kit An 4L47A Bolt m 11845) → M7x4	S 12-03-13	S 12/03/13	S 12/03/13	S 12/03/13
			S 12/03/13 057642	UPDATE Bm + w/o - ADD copy of Bm for ref.	S 12-03-13	S 12/03/13	S 052042	S 12/03/13

NOTE: Date & initial all entries

Work Order ID 78654

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78654

Page 2

Item ID: D412-742-013

Accept

N900040100

Setup

Start

NS1

Revision ID: U/R

Item Name: Float Skidtube Installation

Stop

NS2

Start Date: 12/01/2012 Start Qty: 1.00

1

Cust Item ID:

Required Date: 02/02/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run

Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

QC4- 100% Inspect kits for completeness

0.00

5/7/03/05

120

QC

Memo

0.00

Quality Control

130

Packaging

0.00

Sp 12-03-15

130

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D412-742-013

Location: Ship

140

QC21- Final Inspection - Work Order Release

0.00

12/3/16 JJ

140

QC

Memo

0.00

Quality Control

ME
12-03-16

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

Picklist Print

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Page 1

Work Order ID: 78654

78654
D412-742-013

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 12/01/2012

Required Date: 02/02/2012

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev: A05.10.13 New Issue KJ/JLM
 IPP Rev:B 06-06-08 As per DSI9336 JLM IPP RevC 07-12-03 ECN
 1072 DD verified by:JLM
 IPP Rev:D 08-09-08 ecn 08-510 DD verified by:EC
 IPP Rev:E 09-01-23 as per DSI9441 DD verified by:EC IPP RevF: add
 AN4C7A DD 10.01.13 verified by:EC IPP Rev:G 11.11.01 as per
 DSI9517 REV.B DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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D412-742-043

D412-742-043

Replacement Float Skidtube

D2571

D2571

Saddle, Fwd Out 205

Manufactured	No	110	Each	0.0000	**
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B81088 SP
12-03-08
B 79977 SP

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
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ST425	-11	
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76438	1	
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ST433	20	
-------	----	--

77446	8	
-------	---	--

Manufactured	No	110	Each	2.0000	1
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B79978 SP
12-03-07

D2572

D2572

Saddle, Fwd In 205

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
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ST433	2	
-------	---	--

71107	2	
-------	---	--

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Work Order ID: 78654

78654
D412-742-013

Parent Item: D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 12/01/2012

Required Date: 02/02/2012

Start Qty: 1.00

Required Qty: 1.00

D2573

Manufactured No

110 Each 1.0000

1 **

1

379424 SP

D2573

Saddle, Aft Out 205

Location	Loc Qty	Loc Code
ST423	-12	
ST434	13	

77287

110 Each 1.0000

1 **

1

B79423 SP

D2574

Manufactured No

110 Each 1.0000

1 **

1

D2574

Saddle, Aft In 205

Location	Loc Qty	Loc Code
ST434	1	

77286

110 Each 57.0000

2 **

2

SP

D2876

Manufactured No

110 Each 57.0000

2 **

2

D2876

Saddle Spacer

Location	Loc Qty	Loc Code
ST025	57	

76949

110 Each 57.0000

2 **

2

2X

D2877

Manufactured No

110 Each 57.0000

2 **

2

SP 12-03-07

D2877

Saddle Spacer

Location	Loc Qty	Loc Code
ST020	57	

73309

110 Each 7

2 **

2

2X

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Work Order ID: 78654

78654

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 12/01/2012

Required Date: 02/02/2012

Start Qty: 1.00

Required Qty: 1.00

D3403-1

Manufactured No

110

Each

40.0000

8

8

**

D3403-1

Bushing

	<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
	ST041	40	
	70696	15	
	76213	25	

BS0219. Sp

SP

D3403-5

Manufactured No

110

Each

0.0000

8

8

**

D3403-5

Bushing

D2747

Manufactured No

110

Each

166.0000

4

4

**

D2747

Set Screw

	<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
	ST017	166	
	77484	166	

BS0221 Sp

SP

D3533-1

Manufactured No

110

Each

54.0000

2

2

**

D3533-1

Set Screw

	<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
	ST054	54	
	73310	4	
	77611	50	

4
2
4
2-03-5
BS0326 Sp

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Work Order ID: 78654

78654

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 12/01/2012

Required Date: 02/02/2012

Start Qty: 1.00

Required Qty: 1.00

AN4C6A

Purchased

No

110

Each

364.0000

16

16

**

SP

~~*AN4C6A*~~
Bolt

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

FG	4	
----	---	--

103344	4	
--------	---	--

ST356	360	
-------	-----	--

116704	8	
--------	---	--

119328	152	
--------	-----	--

119749	200	
--------	-----	--

	Each	
--	------	--

110	21.0000	
-----	---------	--

**

16X

SP

m 120364 AX SP

12-03-13

AN4C52A
BOLT

Purchased

No

110

Each

87.0000

4

4

**

SP

12-03-5

AX

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST361	87	
-------	----	--

117688	7	
--------	---	--

118451	30	
--------	----	--

119641	50	
--------	----	--

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
12.03.13		Acceptable to use AN3CS2A butts instead of AN3CS3A Qty (4)				JP 12.03.13 DS/DM	S 12.03.13	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Work Order ID: 78654

78654

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 12/01/2012

Required Date: 02/02/2012

Start Qty: 1.00

Required Qty: 1.00

AN6C12A

Purchased No

110

Each

118.0000

8

8

**

AN6C12A

BOLT

SP

D3672-3

Manufactured No

110

Each

868.0000

32

32

**

D3672-3

Phenolic Washer

SP

Location Loc Qty Loc Code

ST341 118 _____

119749 43 _____

119862 75 _____

Location Loc Qty Loc Code

ST060 868 _____

64176 180 _____

73487 188 _____

76278 500 _____

Location Loc Qty Loc Code

ST060 184 _____

35523 184 _____

110 Each 145.0000

8

**

8

8x

SP

Location Loc Qty Loc Code

ST297 145 _____

118006 45 _____

119736 100 _____

8

8x

D3672-9

Phenolic Washer

Location Loc Qty Loc Code

ST297 145 _____

118006 45 _____

119736 100 _____

January-12-12 8:57:09 AM

Shop Packet Print

Page 5

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
		0						

NOTE: Date & initial all entries

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Work Order ID: 78654

78654

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 12/01/2012

Required Date: 02/02/2012

Start Qty: 1.00

Required Qty: 1.00

D3672-11

Manufactured No

110

Each

551.0000

8

8

**

SP

SP

D3672-11

Phenolic Washer

Location	Loc Qty	Loc Code
----------	---------	----------

ST060	551	
-------	-----	--

58046	51	
-------	----	--

77483	500	
-------	-----	--

MS21043-4

Purchased No

110

Each

1,038.000

29

29

**

SP

m120308:29X SP

MS21043-4

Nut

Location	Loc Qty	Loc Code
----------	---------	----------

FG	40	
----	----	--

104603	40	
--------	----	--

ST300	470	
-------	-----	--

118686	470	
--------	-----	--

ST301	528	
-------	-----	--

119309	32	
--------	----	--

119546	496	
--------	-----	--

D3403-3

Manufactured No

110

Each

28.0000

8

**

SP

D3403-3

Bushing

Location	Loc Qty	Loc Code
----------	---------	----------

ST042	28	
-------	----	--

76215	28	
-------	----	--

D3405-041

Manufactured No

110

Each

8.0000

1

**

SP

12-03-5

D3405-041

Lug Assembly

Location	Loc Qty	Loc Code
----------	---------	----------

ST478	8	
-------	---	--

62227	2	
-------	---	--

77000	6	
-------	---	--

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Work Order ID: 78654

78654

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 12/01/2012

Required Date: 02/02/2012

Start Qty: 1.00

Required Qty: 1.00

D3405-043

Manufactured No

110

Each

10.0000

**

1

1

D3405-043

Lug Assembly

B77685 1x SP

AN4C7A

Purchased No

110

Each

279.0000

**

4

4

AN4C7A

Bolt

D3407-041

Manufactured No

ST356

Location

Loc Qty

Loc Code

109147

279

279

—

110

Each

0.0000

**

1

1

D3407-041

Tow Ring

D3417-3

Manufactured No

110

Each

48.0000

**

2

2

D3417-3

Washer

FG

Location

Loc Qty

Loc Code

33519

9

—

9

ST042

39

53182

15

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24

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W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 78654

78654

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 12/01/2012

Required Date: 02/02/2012

Start Qty: 1.00

Required Qty: 1.00

D3456-1

Manufactured No

110 Each

75.0000

{ 1 1 }

**

SP

D3456-1

Washer

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FG	7	
25701	7	
ST034	50	
77486	50	X
ST044	18	
66848	3	
71165	2	
73493	13	

AN3C37A /

Purchased No

110 Each

128.0000

{ 1 1 }

**

SP

AN3C37A

BOLT

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST354	128	
116874	11	
117010	2	
118709	50	X
119324	25	
119531	40	

AN3C40A

Purchased No

110 Each

67.0000

{ 1 }

**

SP 12-03-5

AN3C40A

BOLT

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST354	67	
112454	17	
114442	50	X

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Work Order ID: 78654

78654

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 12/01/2012

Required Date: 02/02/2012

Start Qty: 1.00

Required Qty: 1.00

AN3C41A

Purchased

No

110

Each

162.0000

1

1

**

SP



AN3C41A

BOLT

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
FG	4	
103324	4	
ST354	158	
119324	48	IX
119530	60	
119673	50	

AN3C42A

Purchased

No

110

Each

49.0000

1

1

**

SP



AN3C42A

BOLT

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST354	49	
106176	1	
117763	3	
118387	20	
119673	25	

AN3C43A

Purchased

No

110

Each

39.0000

4

4

**

m/10364 4x SP.

1203-5

AN3C43A

BOLT

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST354	39	
114455	8	
118387	6	
119673	25	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Work Order ID: 78654

78654

Parent Item: D412-742-013

D412-742-013

Parent Item Name: Float Skidtube Installation

Start Date: 12/01/2012

Required Date: 02/02/2012

Start Qty: 1.00

Required Qty: 1.00

AN3C46A

Purchased No

110 Each 87.0000

**
5
5

m120479 SP.

BOLT

AN3C46A

Location	Loc Qty	Loc Code
----------	---------	----------

ST355	87	
118758	17	
119673	50	
119861	20	

AN960C10L

NAS1149C0332 Purchased

No

110 Each 0.0000

26 26

**

m120648 SP.

R

washer

MS21043-3

Purchased No

110 Each 1,273.000

13 13

**

SP 12-03-5 SP

MS21043-3

Location	Loc Qty	Loc Code
----------	---------	----------

FG	72	
103691	72	
ST300	662	
119901	662	
ST301	539	
118077	2	
118614	441	
118686	30	
119758	66	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

SHOP C
RE PRC
ENGINEER
UNCONTAG
SUBJECT TO ALL
WITHDRAWN
WORKS
NO. 78654

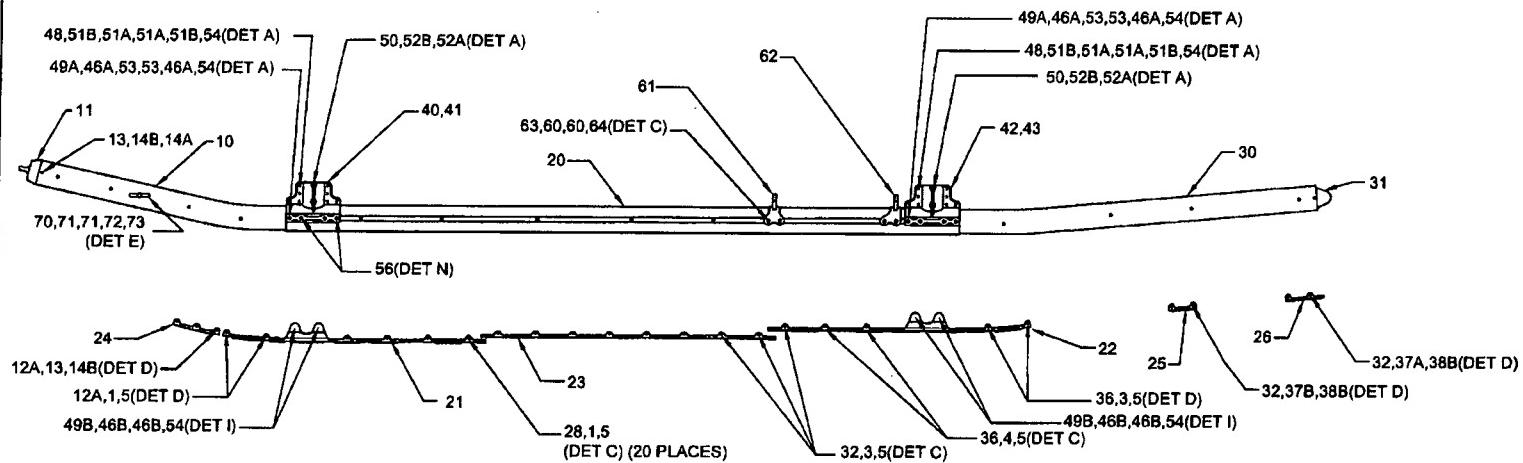


FIGURE 4 - D412-742-013 FLOAT SKIDTUBE INSTALLATION
(APICAL TRI-BAG COMPATIBLE)

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Revision: E
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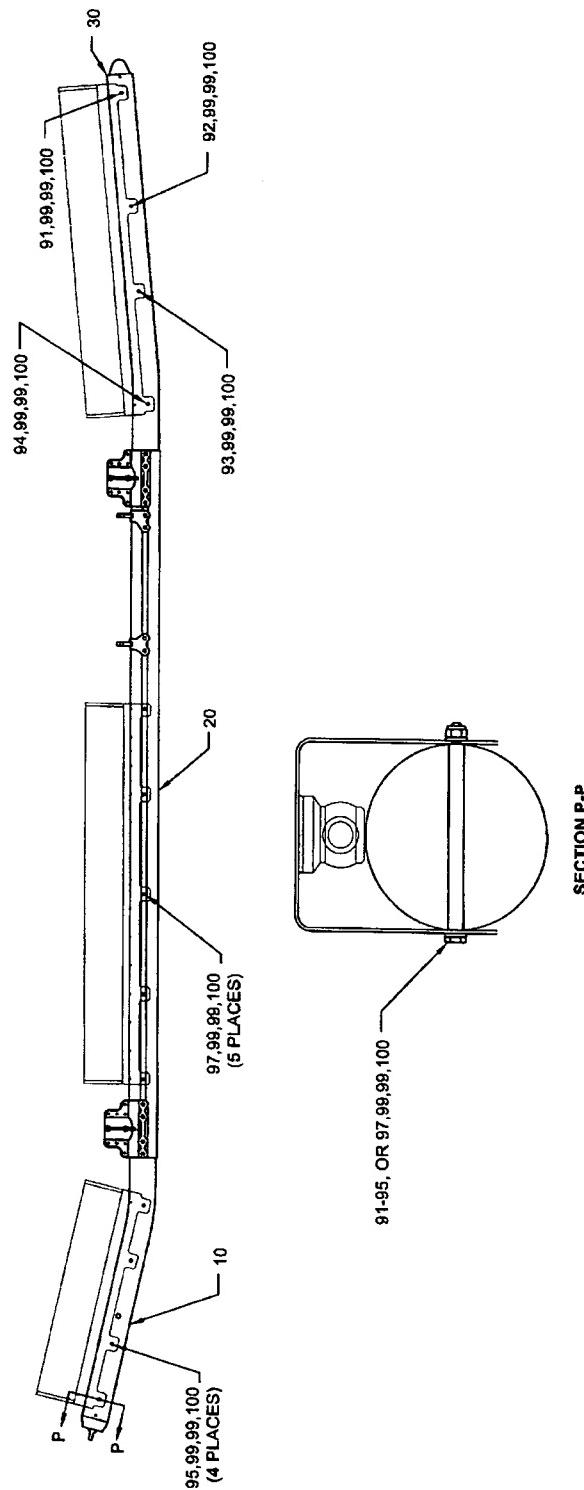
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

A6051

**FIGURE 5 – D412-742-013 FLOAT BAG ATTACHMENT BOLTS AND LOCATIONS
(APICAL TRI-BAG COMPATIBLE)**

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

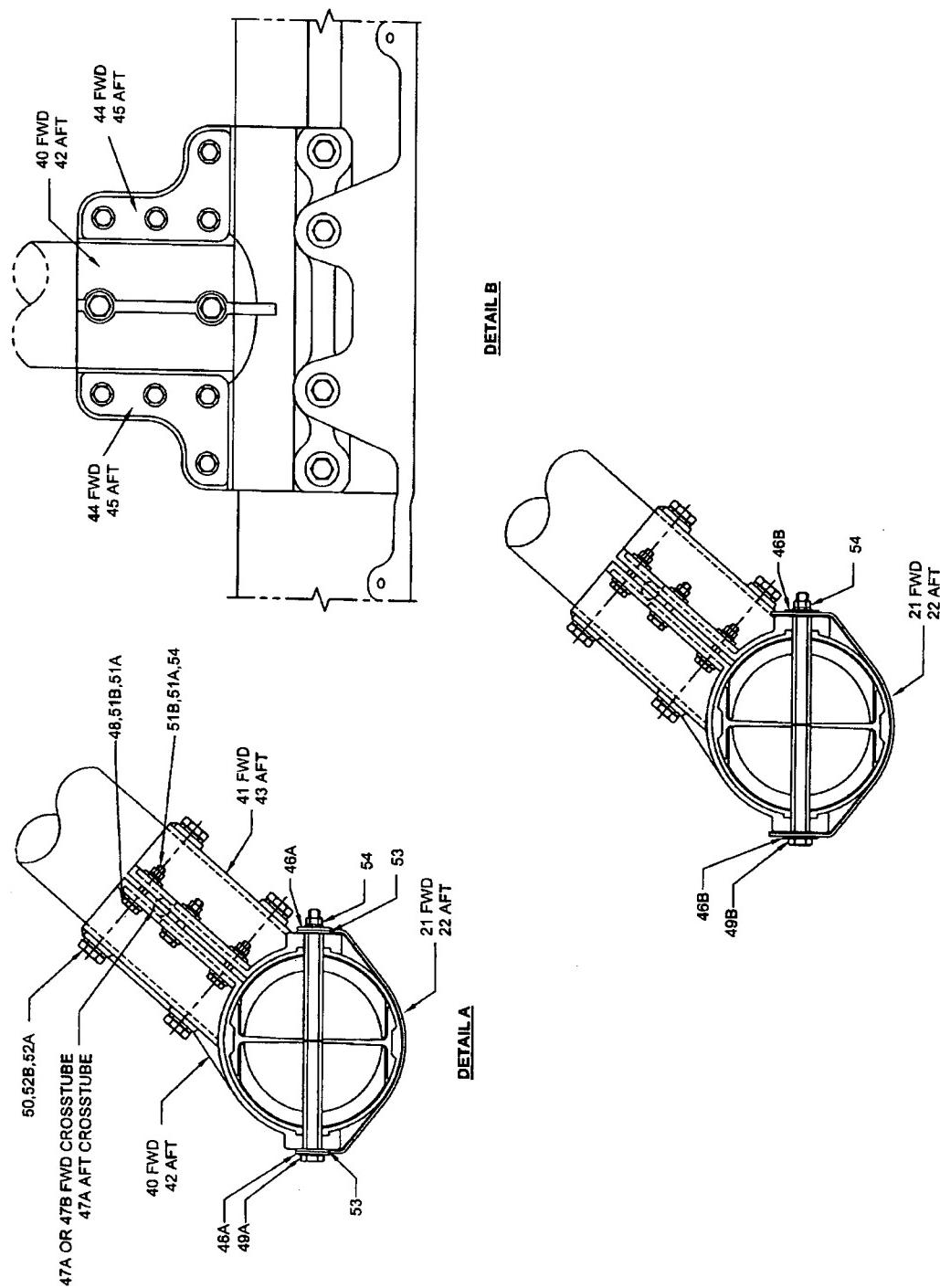


FIGURE 6 – D412-742-011-013 DETAILS

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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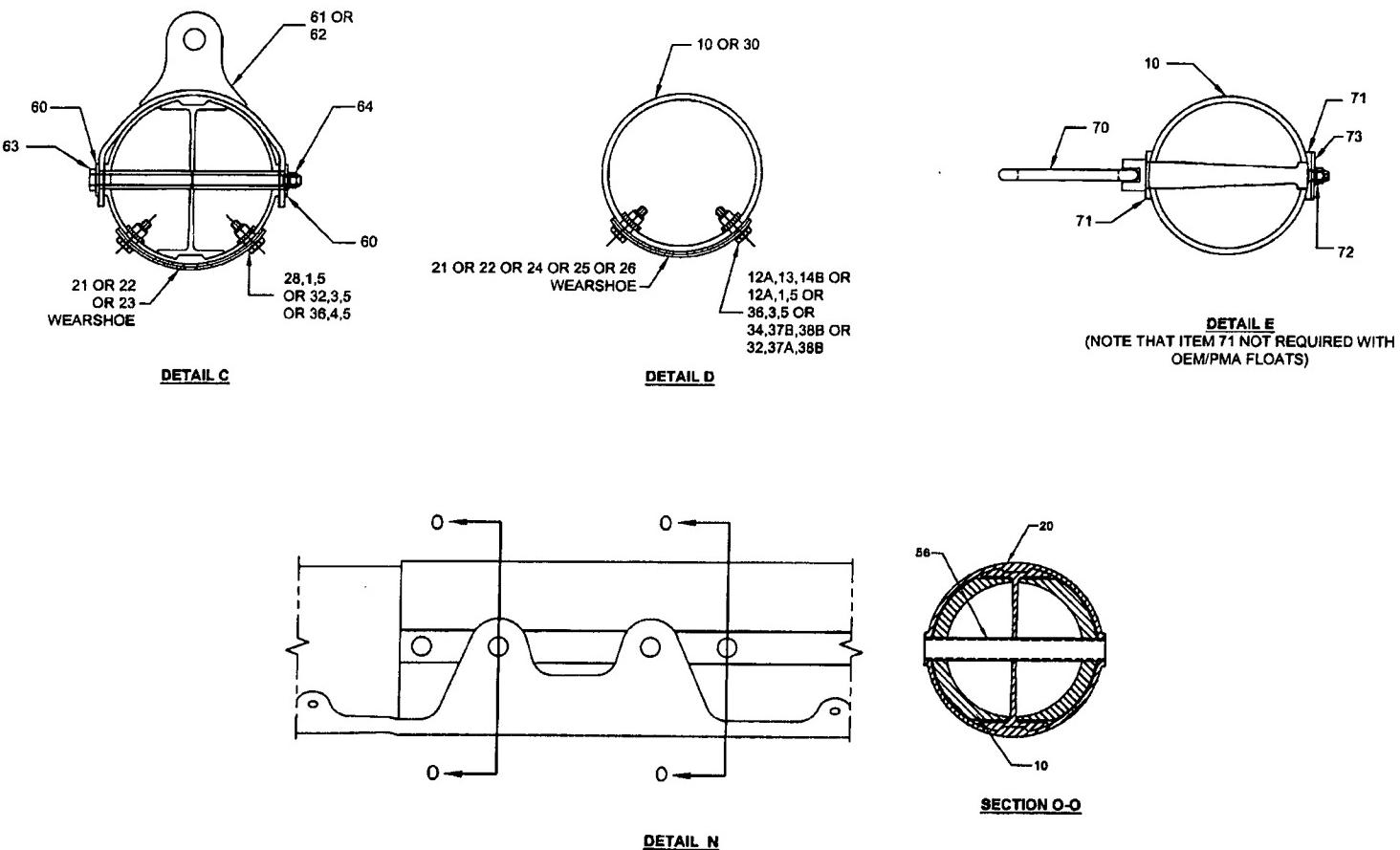


FIGURE 7 – D412-742-011/-013 DETAILS

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Date: 11.10.19

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

REFERENCE ONLY

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IIN-D412-742

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5.2 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List

Item	Qty -013	Qty -043	Part Number	Description
	X		D412-742-013	FLOAT SKIDTUBE INSTALLATION
/	1	X	D412-742-043	FLOAT SKIDTUBE
		1	D3391-043	412 FLOAT SKIDTUBE
1	*24	*AN3C4A		*BOLT
3	*10	*AN3C6A		*BOLT
4	*4	*AN3C7A		*BOLT
5	*38	*AN960C10L		*WASHER
21	*1	*D4095-041		*WEARSHOE (REPLACES D3564-1)
22	*1	*D4095-043		*WEARSHOE (REPLACES D3564-3)
23	*1	*D4095-045		*WEARSHOE (REPLACES D3564-5)
10	*1	*D3391-021		*412 FORWARD TUBE
11	**1	**D3401-041		**TOW CAP
12A	**10	**AEELS-1032-225		**INSERT (REPLACES NAS1330S3KB166)
13	**10	**AN3C4A		**BOLT
14A	**4	**D3672-1		**WASHER (REPLACES NAS1515H3L)
14B	**10	**AN960C10L		**WASHER
24	**1	**D4095-051		**WEARSHOE (REPLACES D3564-13)
20	*1	*D3391-023		*412 MID TUBE
28	**20	**AEELS-1032-130		**INSERT (REPLACES NAS1330S3KB116)
30	*1	*D3391-025		*412 AFT TUBE
25	**1	*D4095-049		**WEARPAD (REPLACES D3537-1)
26	**1	*D4095-047		**WEARPAD (REPLACES D3537-7)
31	**1	**D2646		**AFT CAP
32	**14	**AEELS-1032-130		**INSERT
36	**8	**AEELS-1032-225		**INSERT (REPLACES NAS1330S3KB366)
37A	**6	**AN3C4A		**BOLT
37B	**4	**AN3C5A		**BOLT
38A	**2	**D3672-1		**WASHER (REPLACES NAS1515H3L)
38B	**10	**AN960C10L		**WASHER

(CONTINUED ON PAGE 20)

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(CONTINUED FROM PAGE 19)

Item	Qty -013	Qty -043	Part Number	Description
40	1		D2571	SADDLE, FWD OUTSIDE
41	1		D2572	SADDLE, FWD INSIDE
42	1		D2573	SADDLE, AFT OUTSIDE
43	1		D2574	SADDLE, AFT INSIDE
44	2		D2876	SADDLE SPACER
45	2		D2877	SADDLE SPACER
46A	8		D3403-1	BUSHING
46B	8		D3403-5	BUSHING
47A	4		D2747	SET SCREW
47B	2		D3533-1	SET SCREW
48	16		AN4C6A	BOLT
49A	4		AN4C52A	BOLT
49B	4		AN4C53A	BOLT
50	8		AN6C12A	BOLT
51A	32		D3672-3	WASHER (REPLACES NAS1515H4L)
51B	32		AN960C416L	WASHER
52A	8		D3672-9	WASHER (REPLACES NAS1515H6L)
52B	8		AN960C616L	WASHER
53	8		D3672-11	WASHER (REPLACES NAS1515H7L)
54	24		MS21043-4	NUT
55	4		AN4C7A	BOLT
56	2		D3591-1	BUSHING installed
60	8		D3403-3	BUSHING
61	1		D3405-041	GHW LUG
62	1		D3405-043	GHW LUG
63	4		AN4C47A	BOLT
64	4		MS21043-4	NUT
70	1		D3407-041	TOW RING
71	2		D3417-3	WASHER
72	1		MS21043-4	NUT
73	1		D3456-1	WASHER
91	1		AN3C37A	BOLT
92	1		AN3C40A	BOLT
93	1		AN3C41A	BOLT
94	1		AN3C42A	BOLT
95	4		AN3C43A	BOLT
97	5		AN3C46A	BOLT
99	26		AN960C10L	WASHER
100	13		MS21043-3	NUT

*DENOTES PART IS INCLUDED WITH D3391-043 ASSEMBLY ABOVE

**DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE